

City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM

**SEWER IMPROVEMENT PROJECTS
PROJECTED DELIVERABLES FOR JUNE '05**

PG. NO. PROJECT		PROJECTED DELIVERABLE AMOUNT JUNE '05	PROJECTED DELIVERABLE PRODUCT
171	6057 Minor Sewer Projects	30,000	Minor Improvements
172	6073 Sewer Deficiency & Structural Correction Program	20,000	Determine Priorities
174	6079 Main Sewer Pump Station Site Improvements	1,200,000	Start Construction
175	6082 Recycled In Kind Services	10,000	Coordinate with SBWRP
176	6093 South Bay Water Recycle Project, Phase 2	20,000	Close out
177	6101 Venus Pump Station	45,000	Replace Equipment
181	8167 Main/Great Mall Dr. Sewer Replacement	150,000	Start Design
TOTAL COST		\$1,475,000	

Close Out Activities: Completion of warrantee work, pre-final acceptance inspection, minor modifications to signage and facilities and related works.

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SEWER IMPROVEMENT PROJECTS SUMMARY

SUMMARY OF COSTS

<u>PG.</u> <u>NO.</u>	<u>PROJECT</u>	<u>TOTAL</u> <u>COST</u>	<u>PRIOR</u> <u>YEARS</u>	<u>2004-05</u>	<u>2005-06</u>	<u>2006-07</u>	<u>2007-08</u>	<u>2008-09</u>
171	6057 Minor Sewer Projects	534,842	393,000	0	33,746	35,096	36,500	36,500
172	6073 Sewer Deficiency & Structural Correction Program	3,902,747	1,592,027	0	525,000	877,394	608,326	300,000
173	6078 San Jose Parallel Forcemain	8,194,300	8,194,300	0	0	0	0	0
174	6079 Main Sewer Pump Station Site Improvements	2,250,000	750,000	1,000,000	500,000	0	0	0
175	6082 Recycled In Kind Services	120,000	120,000	0	0	0	0	0
176	6093 South Bay Water Recycle Project, Phase 2	10,780,752	10,780,752	0	0	0	0	0
177	6101 Venus Pump Station	52,000	52,000	0	0	0	0	0
178	6102 Wet Weather Sewer Flow Monitoring	90,000	90,000	0	0	0	0	0
179	New Milpitas/Dixon Landing Sewer Replacement	80,000	0	0	15,000	0	65,000	0
180	New Milpitas/Washington Sewer Replacement	200,000	0	0	0	100,000	100,000	0
181	8167 Main/Great Mall Dr. Sewer Replacement	654,000	0	160,000	494,000	0	0	0
182	New Sewer Replacement Study	45,000	0	0	0	45,000	0	0
183	New Sunnyhills Channel Overflow	970,000	0	0	220,000	750,000	0	0
184	New South Bay Water Recycling Program, Phase III	700,000	0	0	0	0	0	700,000
185	New Abbott-Calaveras- Sewer Pipe Replacement	400,000	0	0	0	0	0	400,000
186	New Sewer Treatment Capacity	3,000,000	0	0	0	0	0	3,000,000
187	New Curtis Ave. Sewer Diversion	180,000	0	0	0	0	0	180,000
188	New Montague-Gladding Sewer Pipe Replacen	150,000	0	0	0	0	0	150,000
189	New Main Sewer Pump Station Improvements	16,000,000	0	0	0	0	1,000,000	15,000,000
	Defunding Subtotal							
	Funding Subtotal			1,160,000				
	TOTAL COST	48,303,641	21,972,079	1,160,000	1,787,746	1,807,490	1,809,826	19,766,500

SUMMARY OF AVAILABLE FINANCING

Sewer Fund	0	293,746	1,307,490	1,309,826	6,586,500
RDA Tax Increment	160,000	494,000	0	0	5,000,000
RDA Bond 2003	1,000,000	0	0	0	0
Water Fund	0	0	0	0	0
Sewer Treatment Plant Fees	0	0	0	0	3,180,000
Developer Contribution	0	500,000	0	500,000	5,000,000
Sewer Infrastructure	0	500,000	500,000	0	0
TOTAL AVAILABLE	1,160,000	1,787,746	1,807,490	1,809,826	19,766,500

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SUMMARY OF PROJECT FUNDING SOURCES
Sewer Projects

PG	PROJECT	2004-05		2005-06			
		RDA Tax Inc.	RDA Bond 2003	RDA Tax Inc.	Sewer Fund	Sewer Infra. Fund	Dev. Contr.
171	6057 Minor Sewer Projects	0	0	0	33,746	0	0
172	6073 Sewer Deficiency & Structural Correction Program	0	0	0	25,000	500,000	0
173	6078 San Jose Parallel Forcemain	0	0	0	0	0	0
174	6079 Main Sewer Pump Station Site Improvements	0	1,000,000	0	0	0	500,000
175	6082 Recycled In Kind Services	0	0	0	0	0	0
176	6093 South Bay Water Recycle Project, Phase 2	0	0	0	0	0	0
177	6101 Venus Pump Station	0	0	0	0	0	0
178	6102 Wet Weather Sewer Flow Monitoring	0	0	0	0	0	0
179	New Milpitas/Dixon Landing Sewer Replacement	0	0	0	15,000	0	0
180	New Milpitas/Washington Sewer Replacement	0	0	0	0	0	0
181	8167 Main/Great Mall Dr. Sewer Replacement	160,000	0	494,000	0	0	0
182	New Sewer Replacement Study	0	0	0	0	0	0
183	New Sunnyhills Channel Overflow	0	0	0	220,000	0	0
184	New South Bay Water Recycling Program, Phase III	0	0	0	0	0	0
185	New Abbott-Calaveras- Sewer Pipe Replacement	0	0	0	0	0	0
186	New Sewer Treatment Capacity	0	0	0	0	0	0
187	New Curtis Ave. Sewer Diversion	0	0	0	0	0	0
188	New Montague-Gladding Sewer Pipe Replacement	0	0	0	0	0	0
189	New Main Sewer Pump Station Improvements	0	0	0	0	0	0
Total Defunding by Funding Source							
Total Funding by Funding Source		160,000	1,000,000				
Sub-Total by Funding Source		160,000	1,000,000	494,000	293,746	500,000	500,000
Sub-Total By Year		1,160,000			1,787,746		

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2006-07		2007-08			
Sewer Fund	Sewer Infra. Fund	Sewer Infra. Fund	Dev. Contr.	PROJECT	PG
35,096	0	36,500	0	6057 Minor Sewer Projects	171
877,394	0	608,326	0	6073 Sewer Deficiency & Structural Correction Program	172
0	0	0	0	6078 San Jose Parallel Forcemain	173
0	0	0	0	6079 Main Sewer Pump Station Site Improvements	174
0	0	0	0	6082 Recycled In Kind Services	175
0	0	0	0	6093 South Bay Water Recycle Project, Phase 2	176
0	0	0	0	6101 Venus Pump Station	177
0	0	0	0	6102 <i>Wet Weather Sewer Flow Monitoring</i>	178
0	0	65,000	0	New <i>Milpitas/Dixon Landing Sewer Replacement</i>	179
100,000	0	100,000	0	New <i>Milpitas/Washington Sewer Replacement</i>	180
0	0	0	0	8167 <i>Main/Great Mall Dr. Sewer Replacement</i>	181
45,000	0	0	0	New <i>Sewer Replacement Study</i>	182
250,000	500,000	0	0	New <i>Sunnyhills Channel Overflow</i>	183
0	0	0	0	New <i>South Bay Water Recycling Program, Phase III</i>	184
0	0	0	0	New <i>Abbott-Calaveras- Sewer Pipe Replacement</i>	185
0	0	0	0	New <i>Sewer Treatment Capacity</i>	186
0	0	0	0	New <i>Curtis Ave. Sewer Diversion</i>	187
0	0	0	0	New <i>Montague-Gladding Sewer Pipe Replacement</i>	188
0	0	500,000	500,000	New <i>Main Sewer Pump Station Improvements</i>	189
1,307,490	500,000	1,309,826	500,000		
1,807,490		1,809,826			

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SUMMARY OF PROJECT FUNDING SOURCES (continued)
Sewer Projects

PG	PROJECT	2008-09			
		Sewer Fund	RDA Tax Inc.	Dev. Contr.	Treat. Plan fund
171	6057 Minor Sewer Projects	36,500	0	0	0
172	6073 Sewer Deficiency & Structural Correction Program	300,000	0	0	0
173	6078 San Jose Parallel Forcemain	0	0	0	0
174	6079 Main Sewer Pump Station Site Improvements	0	0	0	0
175	6082 Recycled In Kind Services	0	0	0	0
176	6093 South Bay Water Recycle Project, Phase 2	0	0	0	0
177	6101 Venus Pump Station	0	0	0	0
178	6102 Wet Weather Sewer Flow Monitoring	0	0	0	0
179	New Milpitas/Dixon Landing Sewer Replacement	0	0	0	0
180	New Milpitas/Washington Sewer Replacement	0	0	0	0
181	8167 Main/Great Mall Dr. Sewer Replacement	0	0	0	0
182	New Sewer Replacement Study	0	0	0	0
183	New Sunnyhills Channel Overflow	0	0	0	0
184	New South Bay Water Recycling Program, Phase III	700,000	0	0	0
185	New Abbott-Calaveras- Sewer Pipe Replacement	400,000	0	0	0
186	New Sewer Treatment Capacity	0	0	0	3,000,000
187	New Curtis Ave. Sewer Diversion	0	0	0	180,000
188	New Montague-Gladding Sewer Pipe Replacement	150,000	0	0	0
189	New Main Sewer Pump Station Improvements	5,000,000	5,000,000	5,000,000	0
		6,586,500	5,000,000	5,000,000	3,180,000
		19,766,500			

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Category	Project	Estimate Level
Sewer	6057 Minor Sewer Projects	1

CONTACT: Marilyn Nickel [3347] / Steve Smith [2640]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

ANNUAL MAINTENANCE COSTS: \$0

DESCRIPTION - LOCATION

This project involves the ongoing analysis, engineering and implementation of various minor modifications and improvements to the existing sewer system which arise during the year.

STATUS

On-going as needed.

COMMENTS

Maintain a \$30,000 to \$60,000 balance each year.

Uncommitted Balance as of June 30, 2004: \$115,345

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	37,600	0	6,000	6,000	6,000	6,000	61,600
Administration	4,000	0	3,000	3,000	3,000	3,000	16,000
Surveying	0	0	0	0	0	0	0
Inspection	4,000	0	3,000	3,000	3,000	3,000	16,000
Land	0	0	0	0	0	0	0
Improvements	345,393	0	21,746	23,096	24,500	24,500	439,235
Equipment	0	0	0	0	0	0	0
Other	2,007	0	0	0	0	0	2,007
TOTAL	393,000	0	33,746	35,096	36,500	36,500	534,842

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	393,000	0	33,746	35,096	36,500	36,500	534,842
TOTAL	393,000	0	33,746	35,096	36,500	36,500	534,842

FINANCING NOTES:

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Category	Project	Estimate Level
Sewer	6073 Sewer Deficiency & Structural Correction Program	1

CONTACT: Doug De Vries [3313] / Steve Smith [2640]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

ANNUAL MAINTENANCE COSTS: Reduction

DESCRIPTION - LOCATION

This project involves the inventory of structural deficiencies and includes the design and construction of repairs to reduce infiltration inflow of storm water into the sewer system. It also includes the design and construction of sewer line replacement due to structural deficiencies, differential settlement, and damaged sewer lines discovered with the City's televised inspection program.

STATUS

Work will continue on the highest priority locations.

COMMENTS

Sewer line settlement, which may be due to such factors as ground water variations and poor soil conditions, can result in excessively high maintenance to unclog lines. Replacement of problem sewer lines is a cost-effective option to continue to corrective maintenance and potential system failures. The following are the high priority locations from a list of over 40 problem locations: Edsel @ Monmouth, Roswell @ Edsel, Cortez St., Moonlight Circle, Capitol Ave. @ Venus Dr., Terra Bella Dr., Valencia Dr., Dixon Landing @ Conway, Calaveras Blvd. @ Hillview, Chestnut @ Larch, Heath @ Chestnut, Erie @ Tramway, Larch @ Maple, and Calaveras Blvd. between Milpitas Blvd. and Railroad Ave. (21 inch sewer).

Uncommitted Balance as of June 30, 2004: \$879,346

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	165,200	0	60,000	80,000	42,583	30,000	377,783
Administration	13,700	0	10,000	10,000	30,416	15,000	79,116
Surveying	10,100	0	5,000	5,000	18,250	5,000	43,350
Inspection	54,800	0	5,000	5,000	18,250	10,000	93,050
Land	0	0	0	0	0	0	0
Improvements	1,348,227	0	445,000	777,394	498,827	240,000	3,309,448
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	1,592,027	0	525,000	877,394	608,326	300,000	3,902,747

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	426,250	0	25,000	877,394	608,326	300,000	2,236,970
Sewer TPF	400,000	0	0	0	0	0	400,000
Sewer Infrastructure Fund	0	0	500,000	0	0	0	500,000
Budget Transfer	765,777	0	0	0	0	0	765,777
TOTAL	1,592,027	0	525,000	877,394	608,326	300,000	3,902,747

NOTES: Budget Transfer Detail: CIP 6086 (\$765,777).

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Category	Project	Estimate Level
Sewer	6078 San Jose Parallel Forcemain	2

CONTACT: Steve Erickson [3317]

PRIORITY: Health and Safety

ANNUAL MAINTENANCE COSTS: \$5,000

DESCRIPTION - LOCATION

This project involves the design and construction of a 36" sanitary sewer Forcemain to the San Jose/Santa Clara Water Pollution Control Plant. The parallel Forcemain is required to provide additional capacity, as identified in the 1984 and 1994 Sewer Master Plans. In conjunction with the South Bay Water Recycle Program (SBWRP), this project adds a second 36" diameter casing under Coyote Creek for the future installation of a 24" recycled water main.

COMMENTS

This parallel Forcemain also provides protection in case the existing Forcemain breaks or becomes inoperable. The existing Forcemain is a steel pipe which may be susceptible corrosion problems. Previously there were no provisions in the existing system for handling sewage in the event of a Forcemain failure. Overflow may discharge into the surrounding area should a prolonged failure occur.

Uncommitted Balance as of June 30, 2004: \$373,305

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	97,500	0	0	0	0	0	97,500
Administration	115,000	0	0	0	0	0	115,000
Surveying	75,000	0	0	0	0	0	75,000
Inspection	222,500	0	0	0	0	0	222,500
Land	0	0	0	0	0	0	0
Improvements	6,985,000	0	0	0	0	0	6,985,000
Equipment	0	0	0	0	0	0	0
Other	699,300	0	0	0	0	0	699,300
TOTAL	8,194,300	0	0	0	0	0	8,194,300

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	142,250	0	0	0	0	0	142,250
Sewer TPF	1,152,050	0	0	0	0	0	1,152,050
RDA Tax Increment	300,000	0	0	0	0	0	300,000
2000 RDA Tax Allocation Bonds	6,000,000	0	0	0	0	0	6,000,000
SBWRP	600,000	0	0	0	0	0	600,000
TOTAL	8,194,300	0	0	0	0	0	8,194,300

NOTES:

STATUS:

Construction completed. Project in warranty period. Close project with the 2005/2006 CIP Program.

**City of Milpitas
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Category	Project	Estimate Level
Sewer	6079 Main Sewer Pump Station Site Improvements	1

CONTACT: Gail Seeds [3219]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

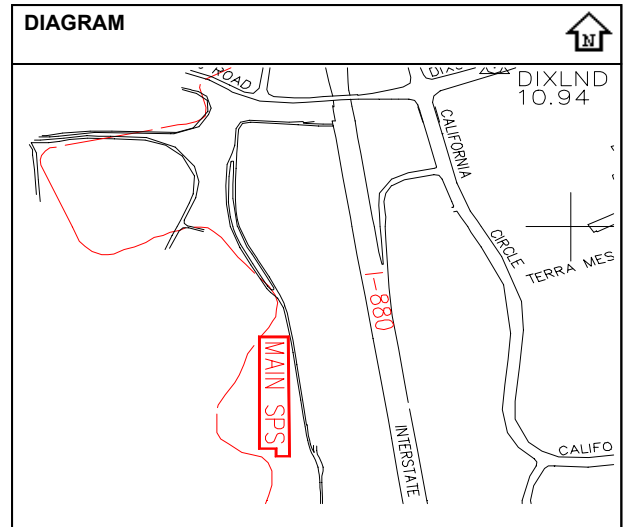
ANNUAL MAINTENANCE COSTS: (\$15,000)

DESCRIPTION - LOCATION

This project provides design and construction of drainage, pavement, fencing and other surface improvements at the Main Sewer Pump Station (SPS). This project also involves the removal of the existing abandoned facilities, tanks, miscellaneous piping and control panels that were once part of the sewage treatment facility. In addition, this project acquires a 70' wide strip of right-of-way between McCarthy Blvd and the Main Sewer Pump Station.

COMMENTS:

This site will also be improved to accommodate the relocated Public Works Corp Yard at Main St., allowing the construction of the new Library project. This site contains several abandoned treatment plant structures that are a nuisance. The County has requested that unnecessary structures at this site that are currently holding water be demolished to safeguard against mosquito-borne pestilence. A recently passed state law authorizes fines of \$1,000 per day for unabated sites. Until recently, this site was relatively remote. With the McCarthy Blvd. extension and a new adjacent Coyote Creek trailhead, this area is more accessible to the general public and has greater potential for trespassing.



Uncommitted Balance as of June 30, 2004: \$418,481

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	150,000	50,000	0	0	0	0	200,000
Administration	15,000	10,000	0	0	0	0	25,000
Surveying	9,000	0	0	0	0	0	9,000
Inspection	41,000	70,000	0	0	0	0	111,000
Land	0	500,000	0	0	0	0	500,000
Improvements	535,000	370,000	500,000	0	0	0	1,405,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	750,000	1,000,000	500,000	0	0	0	2,250,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	285,000	0	0	0	0	0	285,000
Sewer Infrastructure	320,000	0	0	0	0	0	320,000
RDA Tax Increment	145,000	0	0	0	0	0	145,000
RDA Bond 2003	0	1,000,000	0	0	0	0	1,000,000
KB Home	0	0	500,000	0	0	0	500,000
TOTAL	750,000	1,000,000	500,000	0	0	0	2,250,000

NOTES: KB Home Developer Contribution amount to be determined.

STATUS

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Category	Project	Estimate Level
Sewer	6082 Recycled In Kind Services	1

CONTACT: Marilyn Nickel [3347]

PRIORITY: Mandatory or Committed Projects

ANNUAL MAINTENANCE COSTS: \$0

DESCRIPTION - LOCATION

This project tracks expenditures with the initial funding coming from the sewer fund. Tracked expenditures are used as the basis for reimbursement invoices to San Jose, and is in accordance with the first amendment to the In-Kind Service Agreement with the City of San Jose on the South Bay Water Recycling Program approved by City Council on June 24, 1997. The project costs are reimbursed to the City from Program.

COMMENTS

This effort consists primarily of plan check and inspection of on-site irrigation system retrofits. Projects are constructed through group bids whereby groups of on-site retrofits are completed to obtain project construction efficiencies. Annual maintenance costs are \$25,000 which is fully reimbursable.

Uncommitted Balance as of June 30, 2004:

\$58,124

ESTIMATED COST

	Prior Year
Design	0
Administration	100,000
Surveying	0
Inspection	0
Land	0
Improvements	0
Equipment	20,000
Other	0
TOTAL	120,000

FINANCING

	Prior Year
Sewer M & O Fund	120,000
TOTAL	120,000

NOTES:

STATUS

Project is being completed in phases.

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Category	Project	Estimate Level
Sewer	6093 South Bay Water Recycle Project, Phase 2	1

CONTACT: Joe Ezeokeke [3316]

PRIORITY: Mandatory or Committed Projects

ANNUAL MAINTENANCE COSTS: \$0

DESCRIPTION - LOCATION

This project involves the design and construction of the second phase of the South Bay Water Recycling Program (SBWRP) improvements required as a mitigation in lieu of a Water Pollution Control Plant flow cap. This pipeline serves landscape irrigation customers including schools and parks in the central and northern area of the City. Projects include M-2 (Central Milpitas), M-3 (McCandless Extension), M-4 (Town Center), Tasman Interconnection and Barber Lane.

COMMENTS

This project is fully reimbursable by the SBWRP through the December 10, 2003 Agreement (Amendment 7). The agreement includes pipelines being constructed through other projects - Barber Court (4191) and Coyote Creek (6078). Projects 6094 (McCandless Extension), 6095 (Town Center Extension), 6096 (Tasman Dr. Interconnection), and 6097 (Barber Ln. Interconnection) have been integrated into Project 6093 for administrative and design/construction cost efficiencies. On 12/19/00 \$6,800 was transferred from project 8093 for telecommunications efforts.

Uncommitted Balance as of June 30, 2004: \$1,330,596

ESTIMATED COST

	Prior Year
Design	578,675
Administration	465,500
Surveying	0
Inspection	541,875
Land	118,400
Improvements	3,891,782
Equipment	0
Other	5,184,520
TOTAL	10,780,752

FINANCING

	Prior Year
SBWRP	10,780,752
TOTAL	10,780,752

NOTES:

STATUS

The project has been substantially completed. Close after warranty period.

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Category	Project	Estimate Level
Sewer	6101 Venus Pump Station	1

CONTACT: Doug DeVries [3313]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

ANNUAL MAINTENANCE COSTS: \$5,000

DESCRIPTION - LOCATION

This project involves replacement of two pumps and upgrade of controls at the Venus Lift Station which is located at Capitol Ave./Venus Way in Pines neighborhood. Other work also includes miscellaneous electrical and plumbing improvements.

COMMENTS

This is identified as project 13 in the 2003 Wastewater Master Plan on page 7 - 2. Pump replacement is currently being investigated.

Uncommitted Balance as of June 30, 2004: \$52,000

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	0	0	0	0	0
Administration	5,000	0	0	0	0	0	5,000
Surveying	0	0	0	0	0	0	0
Inspection	10,000	0	0	0	0	0	10,000
Land	0	0	0	0	0	0	0
Improvements	37,000	0	0	0	0	0	37,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	52,000	0	0	0	0	0	52,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	52,000	0	0	0	0	0	52,000
TOTAL	52,000	0	0	0	0	0	52,000

NOTES:

STATUS:

Work to be completed in 2004-05

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Category	Project	Estimate Level
Sewer	6102 Wet Weather Sewer Flow Monitoring	1

CONTACT: Darryl Wong [3345]

PRIORITY: Major Service Equipment Replacement

ANNUAL MAINTENANCE COSTS: \$0

DESCRIPTION - LOCATION

Wet weather flow monitoring City-wide for sewer system to determine infiltration and model updates. Inverts of the sewer system data also to be collected.

STATUS

Work is underway.

COMMENTS

Need to improve accuracy of model and CIP capacity projections provided in 2003 Wastewater Master Plan. Result will refine scope for projects 13, 4, 5, 6, 7, 9 and 12 in the 2003 Wastewater Master Plan on page 7-2. Topographic information collection needed to refine projects 2, 3, 4, 5 and 12 of the 2003 Master Plan.

Uncommitted Balance as of June 30, 2004: \$5,161

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	85,000	0	0	0	0	0	85,000
Administration	5,000	0	0	0	0	0	5,000
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	90,000	0	0	0	0	0	90,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	90,000	0	0	0	0	0	90,000
TOTAL	90,000	0	0	0	0	0	90,000

NOTES:

City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM

Category	Project	Estimate Level
Sewer	8167 Main/Great Mall Dr. Sewer Replacement	1

CONTACT: Darryl Wong [3345]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

ANNUAL MAINTENANCE COSTS: \$0

DESCRIPTION - LOCATION

This project replaces 370 linear feet of 12-inch sanitary sewer pipe with 24-inch sanitary sewer pipe, and replaces 590 linear feet of 18-inch sanitary sewer pipe with 24-inch sanitary sewer pipe. Location is S. Main St. south of Great Mall Dr.

STATUS

COMMENTS

Recommended in the 2003 Wastewater Master Plan Update as project 11A on page 6 - 12. Master Plan recommends obtaining additional wet weather flow monitoring to refine project scope and cost estimate prior to implementation.

Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	107,200	0	0	0	0	107,200
Administration	0	52,800	0	0	0	0	52,800
Surveying	0	0	0	0	0	0	0
Inspection	0	0	44,000	0	0	0	44,000
Land	0	0	0	0	0	0	0
Improvements	0	0	450,000	0	0	0	450,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	160,000	494,000	0	0	0	654,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
RDA Tax Increment	0	160,000	494,000	0	0	0	654,000
TOTAL	0	160,000	494,000	0	0	0	654,000

NOTES:

**City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM**

Category	Project	Estimate Level
Sewer	New Milpitas/Dixon Landing Sewer Replacement	1

CONTACT: Darryl Wong [3345]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

ANNUAL MAINTENANCE COSTS: \$0

DESCRIPTION - LOCATION

This project replaces 145 linear feet of 8-inch sanitary sewer pipe with 12-inch sanitary sewer pipe. Location is N. Milpitas Blvd. south of Dixon Landing Rd.

STATUS

COMMENTS

Recommended in the 2003 Wastewater Master Plan Update as project 3 on page 6 - 4, at cost of \$45,000 in June 2002 dollars (SFENR 7662). Master Plan recommends sewer line slopes be confirmed and additional topographic survey data be obtained to refine project scope and cost estimate prior to implementation.

Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	10,000	0	0	0	10,000
Administration	0	0	5,000	0	5,000	0	10,000
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	0	10,000	0	10,000
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	50,000	0	50,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	15,000	0	65,000	0	80,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	0	0	15,000	0	65,000	0	80,000
TOTAL	0	0	15,000	0	65,000	0	80,000

NOTES:

**City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM**

Category	Project	Estimate Level
Sewer	New Milpitas/Washington Sewer Replacement	1

CONTACT: Darryl Wong [3345]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

ANNUAL MAINTENANCE COSTS: \$0

DESCRIPTION - LOCATION

This project replaces 395 linear feet of 8-inch sanitary sewer pipe with 10-inch sanitary sewer pipe, and replaces 95 linear feet of 8-inch sanitary sewer pipe with 15-inch sanitary sewer pipe. Location is N. Milpitas Blvd. near Washington Dr.

STATUS

COMMENTS

Recommended in the 2003 Wastewater Master Plan Update as project 2 on page 6 - 4
Master Plan recommends pipeline slopes be confirmed, and that additional topographic survey data be obtained to refine project scope and cost estimate prior to implementation.

Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	0	22,000	0	0	22,000
Administration	0	0	0	9,000	0	0	9,000
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	9,000	0	0	9,000
Land	0	0	0	0	0	0	0
Improvements	0	0	0	60,000	100,000	0	160,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	100,000	100,000	0	200,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	0	0	0	100,000	100,000	0	200,000
TOTAL	0	0	0	100,000	100,000	0	200,000

NOTES:

City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM

Category	Project	Estimate Level
Sewer	New Sewer Replacement Study	1

CONTACT: Marilyn Nickel [3347]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

ANNUAL MAINTENANCE COSTS:

DESCRIPTION - LOCATION

This work involves field determination of the remaining useful life of the following sewer pipes: 360 linear feet of 42 inch RCP crossing I-880 at the Main Lift Station, 490 linear feet of 42 inch RCP at Cadillac Court and I-880, 310 linear feet of 42 inch RCP at Milmont near Penitencia Creek, 5,400 linear feet of 33-42 inch RCP along Milpitas Blvd between Hidden Lakes and Midwick, 90 linear feet of 24 inch RCP at Folsom and Hetch-Hetchy crossing, 1,500 linear feet of 30 inch RCP between Folsom and Escuela, and 170 linear feet of 12 inch RCP at Dempsey.

STATUS

COMMENTS

The Schaaf and Wheeler 2002 Depreciation Study has estimated the remaining life of the existing sewer infrastructure. This work is to field determine the condition of sewers and verify need to replace the sewers identified with useful life ending by 2008, refine scope of work and costs, and prioritize these projects.

Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	0	40,000	0	0	40,000
Administration	0	0	0	5,000	0	0	5,000
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	45,000	0	0	45,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	0	0	0	45,000	0	0	45,000
TOTAL	0	0	0	45,000	0	0	45,000

NOTES:

**City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM**

Category	Project	Estimate Level
Sewer	New Sunnyhills Channel Overflow	1

CONTACT: Darryl Wong [3345]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

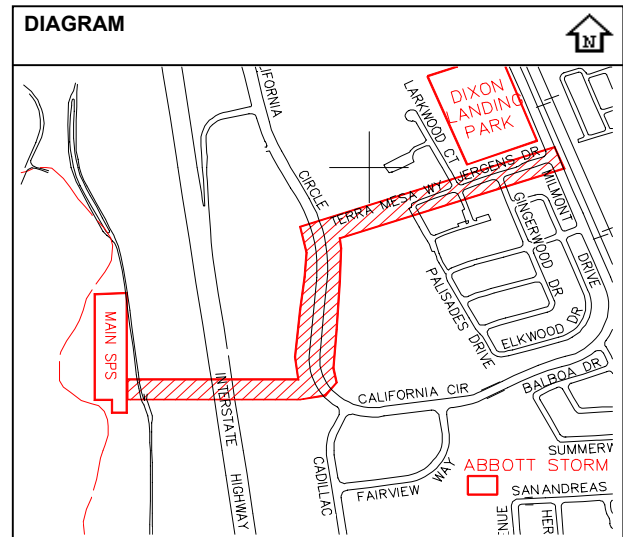
ANNUAL MAINTENANCE COSTS: \$6,000

DESCRIPTION - LOCATION

This project will modify diversion at North Milpitas Blvd. and Washington Drive and replace 280 linear feet of 18-inch sanitary sewer pipe with 27-inch diameter sewer pipe crossing I-880. This pipeline crosses I-880 between Jurgens Drive and the Main Sewer Pump Station.

COMMENTS

Recommended in the 2003 Wastewater Master Plan Update as project 1 on page 6 - 4.



Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	150,000	0	0	0	150,000
Administration	0	0	50,000	0	0	0	50,000
Surveying	0	0	20,000	0	0	0	20,000
Inspection	0	0	0	50,000	0	0	50,000
Land	0	0	0	0	0	0	0
Improvements	0	0	0	700,000	0	0	700,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	220,000	750,000	0	0	970,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	0	0	220,000	250,000	0	0	470,000
Sewer Infrastructure Fund	0	0	0	500,000	0	0	500,000
TOTAL	0	0	220,000	750,000	0	0	970,000

NOTES:

STATUS:

City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM

Category	Project	Estimate Level
Sewer	New South Bay Water Recycling Program, Phase III	2

CONTACT: Darryl Wong [3345]

ANNUAL MAINTENANCE COSTS:

PRIORITY: Mandatory or Committed Projects

DESCRIPTION - LOCATION

This project involves the City's share of Phase III South Bay Water Recycling Program Improvements (SBWRP) to develop extensions to the water recycling system as required by the California Regional Water Quality Control Board (RWQCB) as a mitigation in lieu of a Water Pollution Control Plant flow cap.

COMMENTS

Based upon the June 1997 Revised Action Plan submitted to the RWQCB and the 1997 SBWRP Financing Plan, the Milpitas share of the program is \$9.543 million about \$1.248 million is being financed directly to SBWRP through grants and other sources and are not included in the total below.

STATUS

Under project 6080, the City paid \$5,225,653 to SBWRP for Phase II prior to June 2002. Project 6080 was closed. The next payment will be due approximately Fiscal Year 2008-2009. This project is used to track new payments.

Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	0	700,000	700,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	700,000	700,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	0	0	0	0	0	700,000	700,000
TOTAL	0	0	0	0	0	700,000	700,000

FINANCING NOTES:

Milpitas, as a tributary agency to the San Jose/Santa Clara Water Pollution Control Plant, is required to make financial contributions to the South Bay Water Recycling Program in order to avoid reduced discharges to the bay and to maintain treatment plant capacity.

**City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM**

Category	Project	Estimate Level
Sewer	New Abbott-Calaveras- Sewer Pipe Replacement	1

CONTACT: Darryl Wong [3345]

ANNUAL MAINTENANCE COSTS:

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

DESCRIPTION - LOCATION

Replace 1,255 feet of existing 15 inch diameter sewer pipe with 18 inch diameter pipe. Pipe is located in Calaveras Boulevard at the intersection with Abbott and in Abbott between Calaveras and Spence. This work is identified as project #5 in the 2003 Sewer Master Plan.

COMMENTS

STATUS

New Project

Uncommitted Balance as of June 30, 2004:

\$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	0	0	0	40,000	40,000
Administration	0	0	0	0	0	10,000	10,000
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	0	350,000	350,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	400,000	400,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	0	0	0	0	0	400,000	400,000
TOTAL	0	0	0	0	0	400,000	400,000

FINANCING NOTES:

**City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM**

Category	Project	Estimate Level
Sewer	New Sewer Treatment Capacity	1

CONTACT: Darryl Wong [3345]

ANNUAL MAINTENANCE COSTS:

PRIORITY: Mandatory or Committed Projects

DESCRIPTION - LOCATION

This project involves increasing the City's share of treatment plant capacity at the regional Water Pollution Control Plant. Purchasing capacity from another agency with excess capacity has been identified as a cost-effective interim measure. Additional capacity may need to be purchased in the future. Options include leasing capacity from other agencies.

COMMENTS

Milpitas, as a tributary agency, is required to purchase sufficient treatment plant capacity for the needs of the city. The 2003 Sewer Master Plan has identified that additional capacity will be needed as early as Fiscal Year 2008-2009. The additional capacity needed is estimated at between 0.5 to 1.0 million gallons per day. 1983 Master Agreement for Waste Water Treatment allows transfers of capacity rights between agencies upon recommendation of the Treatment Plant Advisory Committee, upon approval of the City San Jose and the City of Santa Clara.

STATUS

New Project

Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0						0
Administration	0	0	0	0	0	0	0
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	0	3,000,000	3,000,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	3,000,000	3,000,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Treatment Plant Fund	0	0	0	0	0	3,000,000	3,000,000
TOTAL	0	0	0	0	0	3,000,000	3,000,000

FINANCING NOTES:

**City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM**

Category	Project	Estimate Level
Sewer	New Curtis Ave. Sewer Diversion	1

CONTACT: Darryl Wong [3345]

ANNUAL MAINTENANCE COSTS:

PRIORITY: Health and Safety Projects

DESCRIPTION - LOCATION

Installation of 625 linear feet of a new 18 inch diameter sewer pipe along Curtis is needed to divert wastewater discharge from Main Street to Abel Street. This work is identified as project #10 in the 2003 Sewer Master Plan.

COMMENTS

The schedule for this project may move need to be adjusted depending on Midtown improvement schedule.

STATUS

Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	0	0	0	60,000	60,000
Administration	0	0	0	0	0	10,000	10,000
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	0	110,000	110,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	180,000	180,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Treatment Plant Fund	0	0	0	0	0	180,000	180,000
TOTAL	0	0	0	0	0	180,000	180,000

FINANCING NOTES:

**City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM**

Category	Project	Estimate Level
Sewer	New Montague-Gladding Sewer Pipe Replacement	1

CONTACT: Darryl Wong [3345]

ANNUAL MAINTENANCE COSTS:

PRIORITY: Mandatory or Committed Projects

DESCRIPTION - LOCATION

Replace 395 linear feet of existing 10 inch diameter sewer pipe with 12 inch diameter pipe. Pipe is located in Montague Expressway west of Glad Court. This work is identified as project #12 in the 2003 Sewer Master Plan.

COMMENTS

An evaluation will be made to determine if this project will be included in CP 4179 Montague Widening.

STATUS

New Project

Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	0	0	0	15,000	15,000
Administration	0	0	0	0	0	5,000	5,000
Surveying	0	0	0	0	0	0	0
Inspection	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	0	130,000	130,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	150,000	150,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	0	0	0	0	0	150,000	150,000
TOTAL	0	0	0	0	0	150,000	150,000

FINANCING NOTES:

Developer fees are a possible source of funding.

**City of Milpitas
2004-2009 CAPITAL IMPROVEMENT PROGRAM**

Category	Project	Estimate Level
Sewer	New Main Sewer Pump Station Improvements	1

CONTACT: Gail Seeds [3219]

PRIORITY: Rehabilitation of Existing Capital Assets or Systems

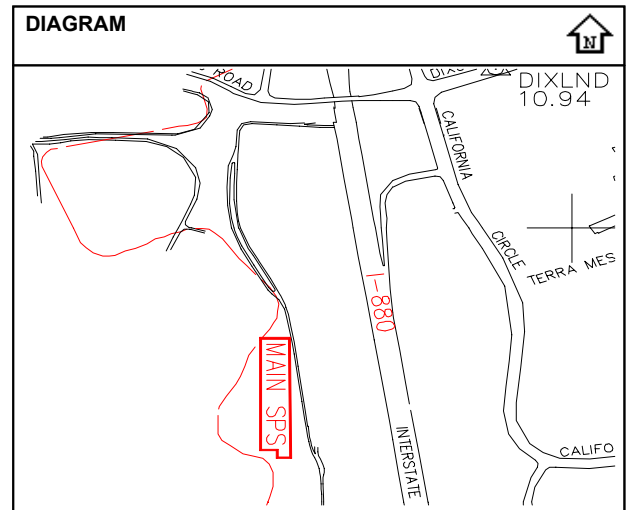
ANNUAL MAINTENANCE COSTS: (\$15,000)

DESCRIPTION - LOCATION

This project provides design and construction of the lift station at the Main Sewer Pump Station (SPS) which has reached the end of its useful life. These improvements will also provide additional capacity improvements as required for the City's build-out growth. This project also involves the removal of the existing abandoned facilities, tanks, miscellaneous piping and control panels that were once part of the sewage treatment facility. In addition, this project will replace the obsolete maintenance building with a new building that will include a workshop for repairs of on site equipment.

COMMENTS:

This site will also be improved to accommodate additional storage for materials, equipment and vehicles.



Uncommitted Balance as of June 30, 2004: \$0

ESTIMATED COST

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Design	0	0	0	0	900,000	0	900,000
Administration	0	0	0	0	75,000	0	75,000
Surveying	0	0	0	0	25,000	0	25,000
Inspection	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
Improvements	0	0	0	0	0	15,000,000	15,000,000
Equipment	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
TOTAL	0	0	0	0	1,000,000	15,000,000	16,000,000

FINANCING

	Prior Year	2004-05	2005-06	2006-07	2007-08	2008-09	TOTAL
Sewer Fund	0	0	0	0	500,000	5,000,000	5,500,000
RDA Tax Increment	0	0	0	0	0	5,000,000	5,000,000
Developer Contribution	0	0	0	0	500,000	5,000,000	5,500,000
TOTAL	0	0	0	0	1,000,000	15,000,000	16,000,000

NOTES:

STATUS